

THE **FINAL** WORD IN GLOBAL HEAVY-DUTY COOLING PROTECTION.

Cat EC-1



For All Heavy-Duty Engines

EXTENDED LIFE GOOLANT/ ANTIFREEZE

FINAL CHARGE GLOBALTM Extended Life Coolant/Antifreeze features a patented Organic Acid Technology (OAT) formula that delivers total cooling system protection for 600,000 miles of on-road use (6 years or 12,000 hours of off-highway use) without the use of Supplemental Coolant Additives (SCAs). The only maintenance required is the addition of Final Charge Extender after 300,000 to 400,000 miles of on-road use (3 years or 6,000 hours of off-highway use). When required, top-off the cooling system with FINAL CHARGE GLOBAL or FINAL CHARGE GLOBAL 50/50 Pre-diluted Extended Life Coolant/Antifreeze only.

FINAL CHARGE GLOBAL Extended Life Coolant/Antifreeze is a phosphate-free, silicate-free, nitrite-free and borate-free, globally formulated coolant which uses patented organic acid inhibitors (non 2-EH) to provide superior wet sleeve liner cavitation and corrosion protection of all cooling system metals. Additional advantages of using FINAL CHARGE GLOBAL Extended Life Coolant include:

- Patented formula, with Contamination Tolerant Additives, can be mixed in any proportion with other coolants with no detrimental effect to corrosion protection.
 To realize Final Charge's maximum protection, contamination levels should be kept below 25%.
- · Eliminates the need for SCAs and coolant filters, saving time and money.
- Provides superior long-term elastomer compatibility.
- Unique formula is tolerant of all water qualities and inhibits the formation hard water scale.

FINAL CHARGE Global Extended Life Coolant/Antifreeze meets the following specifications:

ASTM D-3306

Behr Radiator

• ASTM D-3300

• ASTM D-4340 • Cumm • ASTM D-4985 • Detroit

Cummins 14603Detroit Diesel

Mercedes DBL 7700

MTU 5048

FINAL CHARGE Global Extended Life Coolant/Antifreeze meets the performance requirements of the following specifications:

ASTM D-6210

Navistar B1

John Deere H24A1

• SAE J1034

John Deere H24C1

SAE J1941

Mack Truck SB232-014
 TMC RP 329

Freeze/Boil Protection Chart *using a 15psi pressure cap				
% of Cooling System Capacity	PROTECTS AGAINST			
	Freezing Down to	Boiling Up to(*)		
40	-10°F	259°F		
50	-34°F	265°F		
60	-62°F	270°F		

FINAL CHARGE GLOBAL™ Extended Life Coolant/Antifreeze is recommended for use in the cooling systems of all types of heavy-duty diesel, gasoline and natural gas engines.

CHEMICAL PROPERTIES

PROPERTY	ASTM D-3306 SPECIFICATION	TYPICAL VALUES FOR FINAL CHARGE ANTIFREEZE
SPECIFIC GRAVITY (60/60°F)	1.110 - 1.145	1.126
FREEZING POINT, 50 VOL. %, °F	-34 MAX.	-34
BOILING POINT, "F	300 MIN.	338
BOILING POINT, 50 VOL. %, °F	226 MIN.	226
EFFECT ON AUTOMOTIVE FINISH	NO EFFECT	NO EFFECT
PH, 50 VOL. %	7.5 - 11.0	7.9
CHLORIDE, PPM	25 MAX.	20
RESERVE ALKALINITY	REPORT	7
WATER (WT. %)	5 MAX.	2
ASH (WT. %)	5 MAX.	2
COLOR		RED

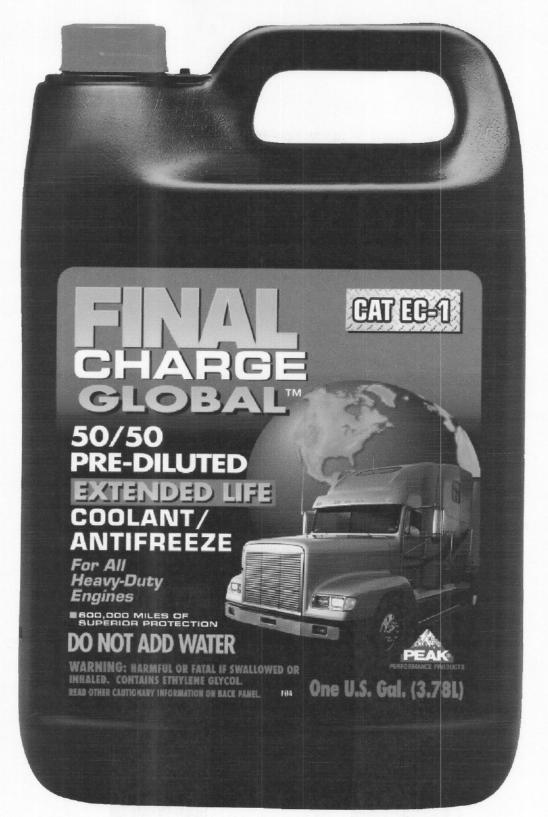
FINAL CHARGE GLOBAL Extended Life Coolant/Antifreeze is available by the case, 55-gallon drum and bulk. To order, please call Old World Industries, Inc. Customer Service at 1-800-323-8755.

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Old World Industries, Inc., 4065 Commercial Avenue, Northbrook, Illinois 60062-1851

www.finalchargeantifreeze.com

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THE **FINAL** WORD IN GLOBAL HEAVY-DUTY COOLING PROTECTION.

Virginia Bauer Richard J. Codey Chief Executive Officer/Secretary Acting Governor - Chair **APPROVED** by the NEW JERSEY COMMERCE & ECONOMIC GROWTH COMMISSION OFFICE OF DEVELOPMENT FOR SMALL BUSINESS AND WOMEN AND MINORITY BUSINESSES under the Small Business Set-Aside Act This certificate acknowledges TROIL ENTERPRISES LLC as a Category 3 approved Small Business Enterprise that has met the criteria established by N.J.A.C.12A:10 (N.J.A.C.17:13) This approval will remain in effect for one year. This office must be notified within 20 days of any material changes in the business that affect ownership and control. Failure to do so may result in an immediate revocation of this approval. Mina E. Moraley Nina E. Moseley Certification Number: 24222-25 Director Expiration: December 22, 2006

Issued: December 23, 2005



Engines

50/50 PRE-DILUTED

CTENDED LIFE COOLANT/ ANTIFREEZE

FINAL CHARGE GLOBAL™ 50/50 Pre-Diluted Extended Life Coolant/Antifreeze is a 50/50 mix of FINAL CHARGE Global Extended Life Coolant and deionized water. FINAL CHARGE GLOBAL 50/50 Pre-Diluted Extended Life Coolant/Antifreeze should be used when topping-off cooling systems filled with FINAL CHARGE GLOBAL coolant to ensure proper inhibitor levels are maintained. FINAL CHARGE GLOBAL coolant should be maintained between 45% to 60% coolant and a 55% to 40% water mix for optimal performance.

FINAL CHARGE GLOBAL 50/50 Pre-Diluted Extended Life Coolant/Antifreeze features a patented Organic Acid Technology (OAT) formula that delivers total cooling system protection for 600,000 miles of on-road use (6 years or 12,000 hours of off-highway use) without the use of Supplemental Coolant Additives (SCAs). The only maintenance required is the addition of FINAL CHARGE Extender after 300,000 to 400,000 miles of on-road use (3 years or 6,000 hours of off-highway use). When required, you should also top-off the cooling system with FINAL CHARGE GLOBAL or FINAL CHARGE GLOBAL 50/50 Pre-diluted Extended Life Coolant/Antifreeze only.

FINAL CHARGE GLOBAL 50/50 Pre-Diluted Extended Life Coolant/Antifreeze is a phosphate-free, silicate-free, nitrite-free and borate-free, globally formulated coolant which uses patented organic acid inhibitors (non 2-EH) to provide superior wet sleeve liner cavitation and corrosion protection of all cooling system metals. Additional advantages of using FINAL CHARGE GLOBAL 50/50 Pre-Diluted Extended Life Coolant industry. include:

- Pre-diluted with deionized water. No need to add water at initial fill or when topping-off.
- Patented formula, with Contamination Tolerant Additives, can be mixed in any proportion with other coolants with no detrimental effect to corrosion protection. To realize Final Charge's maximum protection, contamination levels should be kept below 25%.
- Eliminates the need for SCAs and coolant filters, saving time and money.
- Provides superior long-term elastomer compatibility.
- Unique formula is tolerant of all water qualities and inhibits the formation hard water scale.

FINAL CHARGE GLOBAL™ 50/50 Pre-Diluted Extended Life Coolant/Antifreeze is recommended for use in the cooling systems of all types of heavy-duty diesel, gasoline and natural gas engines.

For All Heavy-Duty

FINAL CHARGE 50/50 Pre-Diluted **Global Extended Life** Coolant/Antifreeze meets the following specifications:

- ASTM D-3306
- ASTM D-4340
- ASTM D-5345 Behr Radiator
- Detroit Diesel

Cat EC-1

- Cummins 14603
- Mercedes DBL 7700
- MTU 5048

FINAL CHARGE 50/50 Pre-Diluted **Global Extended Life** Coolant/Antifreeze meets the performance requirements of the following specifications:

- ASTM D-6210
- Navistar B1
- John Deere H24A2
- SAE J1034
- John Deere H24C2
- TMC RP 329
- Mack Truck SB232-014

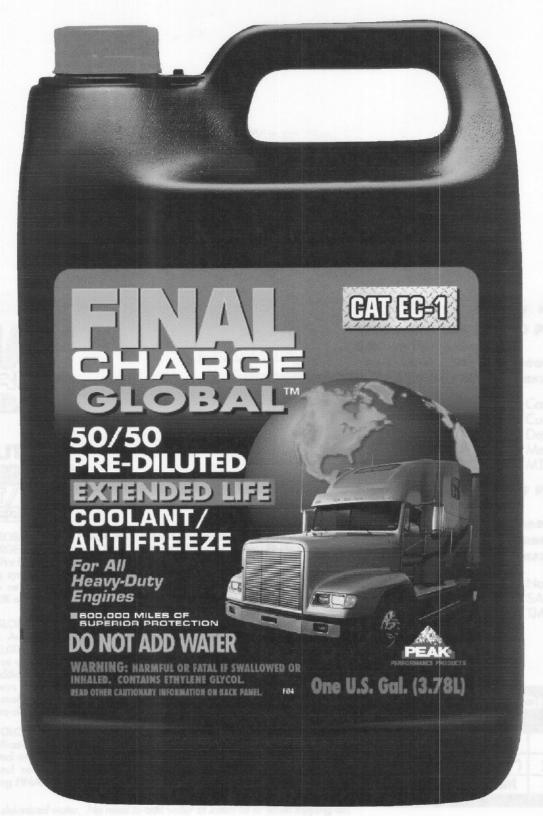
rotection C	Shart (
Concentration	50%
Boiling Point(*)	265°
Freezing Point	-34°

CHEMICAL PROPERTIES

PROPERTY	ASTM D-6210 50/50 SPECIFICATION	TYPICAL VALUES FOR FINAL CHARGE ANTIFREEZE
SPECIFIC GRAVITY (60/60°F)	1.065 MIN.	1.07
FREEZING POINT, 50 VOL. %, °F	-34 MAX.	-34
BOILING POINT, 50 VOL. %, °F	226 MIN.	226
EFFECT ON AUTOMOTIVE FINISH	NO EFFECT	NO EFFECT
PH, 50 VOL. %	7.5 - 11.0	7.9
CHLORIDE, PPM	25 MAX.	20
RESERVE ALKALINITY	REPORT	3.5
ASH (WT. %)	5 MAX.	1
COLOR		RED

FINAL CHARGE GLOBAL 50/50 Extended Life Coolant/Antifreeze is available by the case, 55-gallon drum and bulk. To order, please call Old World Industries, Inc. Customer Service at 1-800-323-8755. FINAL CHARGE GLOBAL™ is a trademark of Old World Industries, Inc. ©2005 All Rights Reserved.

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